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#2

OIPE

ENTERED

RAW SEQUENCE LISTING   DATE: 03/13/2002
PATENT APPLICATION: US/10/082,502   TIME: 15:16:18

Input Set : A:\97-11C2.txt
Output Set: N:\CRF3\03132002\J082502.raw

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   4 <110> APPLICANT: Sheppard, Paul O.
   5       Jelinek, Laura J.
   7 <120> TITLE OF INVENTION: Mammalian Secretory Protein - 9
   9 <130> FILE REFERENCE: 97-11C2
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/082,502
C--> 11 <141> CURRENT FILING DATE: 2001-10-19
  11 <150> PRIOR APPLICATION NUMBER: 09/318,028
  12 <151> PRIOR FILING DATE: 1999-05-25
  14 <150> PRIOR APPLICATION NUMBER: 09/109,808
  15 <151> PRIOR FILING DATE: 1998-07-02
  17 <150> PRIOR APPLICATION NUMBER: 60/089,899
  18 <151> PRIOR FILING DATE: 1998-06-17
  20 <150> PRIOR APPLICATION NUMBER: 60/085,983
  21 <151> PRIOR FILING DATE: 1998-05-19
  23 <150> PRIOR APPLICATION NUMBER: 60/051,704
  24 <151> PRIOR FILING DATE: 1997-07-03
  26 <160> NUMBER OF SEQ ID NOS: 24
  28 <170> SOFTWARE: FastSEQ for Windows Version 3.0
  30 <210> SEQ ID NO: 1
  31 <211> LENGTH: 649
  32 <212> TYPE: DNA
  33 <213> ORGANISM: Homo sapiens
  35 <220> FEATURE:
  36 <221> NAME/KEY: CDS
  37 <222> LOCATION: (104)...(354)
  39 <400> SEQUENCE: 1
  40  cggcccaagg ctggggccaa agtgaaagtc cagcggtctt ccagcgcttg ggccacggcg      60
  41  gcggccctgg gaccaaaggt ggagcaaccc cgttacccta aat atg aaa ggc tgg     115
  42                                                  Met Lys Gly Trp
  43                                                   1
  45  ggt tgg ctg gcc ctg ctt ctg ggg gcc ctg ctg gga acc gcc tgg gct     163
  46  Gly Trp Leu Ala Leu Leu Leu Gly Ala Leu Leu Gly Thr Ala Trp Ala
  47   5                  10                  15                  20
  49  cgg agg agc cag gat ctc cac tgt gga gca tgc agg gct ctg gtg gat     211
  50  Arg Arg Ser Gln Asp Leu His Cys Gly Ala Cys Arg Ala Leu Val Asp
  51                  25                  30                  35
  53  gaa cta gaa tgg gaa att gcc cag gtg gac ccc aag aag acc att cag     259
  54  Glu Leu Glu Trp Glu Ile Ala Gln Val Asp Pro Lys Lys Thr Ile Gln
  55                  40                  45                  50
  57  atg gga tct ttc cgg atc aat cca gat ggc agc cag tca gtg gtg gag     307
  58  Met Gly Ser Phe Arg Ile Asn Pro Asp Gly Ser Gln Ser Val Val Glu
  59              55                  60                  65
  61  gta act gtt act gtt ccc cca aac aaa gta gct cac tct ggc ttt gg      354
```

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Input Set : A:\97-11C2.txt
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```
62  Val Thr Val Thr Val Pro Pro Asn Lys Val Ala His Ser Gly Phe
63         70              75              80
65  atgaaattcg attgcttaaa aaggaccttg gtttaataga aatgaagaaa acagactcag    414
66  aaaaaagatt tggctctgtc tcatttggaa gaagctgcag gcttattccc catgcacttg    474
67  cttcctggct gcaaacctta atactttgtt tatgctgtag aatttgttag caaacaggga    534
68  gtcctgatca gcacccttct ccacatccac atgactggtt tttaatgtag cactgtggta    594
69  tacatgcaaa cattccgttc aaaatctgag tcggagctaa aaaaaaaaaa aaaaa         649
71  <210> SEQ ID NO: 2
72  <211> LENGTH: 83
73  <212> TYPE: PRT
74  <213> ORGANISM: Homo sapiens
76  <400> SEQUENCE: 2
77  Met Lys Gly Trp Gly Trp Leu Ala Leu Leu Leu Gly Ala Leu Leu Gly
78   1               5              10               15
79  Thr Ala Trp Ala Arg Arg Ser Gln Asp Leu His Cys Gly Ala Cys Arg
80             20              25              30
81  Ala Leu Val Asp Glu Leu Glu Trp Glu Ile Ala Gln Val Asp Pro Lys
82          35              40              45
83  Lys Thr Ile Gln Met Gly Ser Phe Arg Ile Asn Pro Asp Gly Ser Gln
84       50              55              60
85  Ser Val Val Glu Val Thr Val Thr Val Pro Pro Asn Lys Val Ala His
86  65              70              75              80
87  Ser Gly Phe
89  <210> SEQ ID NO: 3
90  <211> LENGTH: 64
91  <212> TYPE: PRT
92  <213> ORGANISM: Homo sapiens
94  <400> SEQUENCE: 3
95  Arg Arg Ser Gln Asp Leu His Cys Gly Ala Cys Arg Ala Leu Val Asp
96   1               5              10               15
97  Glu Leu Glu Trp Glu Ile Ala Gln Val Asp Pro Lys Lys Thr Ile Gln
98             20              25              30
99  Met Gly Ser Phe Arg Ile Asn Pro Asp Gly Ser Gln Ser Val Val Glu
100          35              40              45
101  Val Thr Val Thr Val Pro Pro Asn Lys Val Ala His Ser Gly Phe Gly
102       50              55              60
104 <210> SEQ ID NO: 4
105 <211> LENGTH: 62
106 <212> TYPE: PRT
107 <213> ORGANISM: Homo sapiens
109 <400> SEQUENCE: 4
110  Ser Gln Asp Leu His Cys Gly Ala Cys Arg Ala Leu Val Asp Glu Leu
111   1               5              10               15
112  Glu Trp Glu Ile Ala Gln Val Asp Pro Lys Lys Thr Ile Gln Met Gly
113             20              25              30
114  Ser Phe Arg Ile Asn Pro Asp Gly Ser Gln Ser Val Val Glu Val Thr
115          35              40              45
116  Val Thr Val Pro Pro Asn Lys Val Ala His Ser Gly Phe Gly
117       50              55              60
```

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PATENT APPLICATION: US/10/082,502   TIME: 15:16:18

Input Set : A:\97-11C2.txt
Output Set: N:\CRF3\03132002\J082502.raw

```
119 <210> SEQ ID NO: 5
120 <211> LENGTH: 25
121 <212> TYPE: PRT
122 <213> ORGANISM: Homo sapiens
124 <400> SEQUENCE: 5
125  Ser Gln Asp Leu His Cys Gly Ala Cys Arg Ala Leu Val Asp Glu Leu
126   1               5                  10                  15
127  Glu Trp Glu Ile Ala Gln Val Asp Pro
128               20                  25
130 <210> SEQ ID NO: 6
131 <211> LENGTH: 35
132 <212> TYPE: PRT
133 <213> ORGANISM: Homo sapiens
135 <400> SEQUENCE: 6
136  Thr Ile Gln Met Gly Ser Phe Arg Ile Asn Pro Asp Gly Ser Gln Ser
137   1               5                  10                  15
138  Val Val Glu Val Thr Val Thr Val Pro Pro Asn Lys Val Ala His Ser
139               20                  25                  30
140  Gly Phe Gly
141           35
143 <210> SEQ ID NO: 7
144 <211> LENGTH: 415
145 <212> TYPE: DNA
146 <213> ORGANISM: Homos sapiens
148 <400> SEQUENCE: 7
149  ctggggcaaa gtgagagtcc agcggtcttc cagcgcttgg gccacggcgg cggcctggga      60
150  gcagaggtgg agcgacccca ttacgctaaa gatgaaaggc tggggttggc tggccctgct     120
151  tctgggggcc ctgctgggaa ccgcctgggc tcggaggagc agggatctcc actgtggagc     180
152  atgcagggct ctggtggatg aactagaatg ggaaattgcc caggtggacc ccaagaagac     240
153  cattcagatg ggatctttcc ggatcaatcc agatggcagc cagtcagtgg ttgaggtaac     300
154  tgttactgtt cccccaaaca aagtagctca ctctggcttt agatgaattt cgatttattt     360
155  aaaaaggacc tttgttttat taggaattga agaaaacaga ttcagaaaaa agttt          415
157 <210> SEQ ID NO: 8
158 <211> LENGTH: 10
159 <212> TYPE: PRT
160 <213> ORGANISM: Homo sapiens
162 <400> SEQUENCE: 8
163  Asp Tyr Lys Asp Asp Asp Asp Lys Gly Ser
164   1               5                  10
166 <210> SEQ ID NO: 9
167 <211> LENGTH: 25
168 <212> TYPE: DNA
169 <213> ORGANISM: Homo sapiens
171 <400> SEQUENCE: 9
172  gcgcggatcc cggaggagcc aggat                                            25
174 <210> SEQ ID NO: 10
175 <211> LENGTH: 25
176 <212> TYPE: DNA
177 <213> ORGANISM: Homo sapiens
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RAW SEQUENCE LISTING   DATE: 03/13/2002
PATENT APPLICATION: US/10/082,502   TIME: 15:16:18

Input Set : A:\97-11C2.txt
Output Set: N:\CRF3\03132002\J082502.raw

```
179 <400> SEQUENCE: 10
180  cgcgctcgag tcatccaaag ccaga                                     25
182 <210> SEQ ID NO: 11
183 <211> LENGTH: 25
184 <212> TYPE: DNA
185 <213> ORGANISM: Homo sapiens
187 <400> SEQUENCE: 11
188  gcgcgaattc atgaaaggct ggggt                                     25
190 <210> SEQ ID NO: 12
191 <211> LENGTH: 25
192 <212> TYPE: DNA
193 <213> ORGANISM: Homo sapiens
195 <400> SEQUENCE: 12
196  cgcgggatcc tccaaagcca gagtg                                     25
198 <210> SEQ ID NO: 13
199 <211> LENGTH: 40
200 <212> TYPE: DNA
201 <213> ORGANISM: Homo sapiens
203 <400> SEQUENCE: 13
204  ttcatccacc agagccctgc atgctccaca gtggagatcc                     40
206 <210> SEQ ID NO: 14
207 <211> LENGTH: 18
208 <212> TYPE: DNA
209 <213> ORGANISM: Homo sapiens
211 <400> SEQUENCE: 14
212  gggctctggt ggatgaac                                             18
214 <210> SEQ ID NO: 15
215 <211> LENGTH: 18
216 <212> TYPE: DNA
217 <213> ORGANISM: Homo sapiens
219 <400> SEQUENCE: 15
220  tacctccacc actgactg                                             18
222 <210> SEQ ID NO: 16
223 <211> LENGTH: 806
224 <212> TYPE: DNA
225 <213> ORGANISM: Homo sapiens
227 <220> FEATURE:
228 <221> NAME/KEY: CDS
229 <222> LOCATION: (104)...(649)
231 <400> SEQUENCE: 16
232  cggcccaagg ctggggccaa agtgaaagtc cagcggtctg ccagcgcttg ggccacggcg    60
233  gcggccctgg accaaaggt ggagcaaccc cgttaccta aar atg aaa ggc tgg       115
234                                                      Met Lys Gly Trp
235                                                       1
237  ggt tgg ctg gcc ctg ctt ctg ggg gcc ctg ctg gga acc gcc tgg gct    163
238  Gly Trp Leu Ala Leu Leu Leu Gly Ala Leu Leu Gly Thr Ala Trp Ala
239   5                10                  15                  20
241  cgg agg agc cag gat ctc cac tgt gga gca tgc agg gct ctg gtg gat    211
242  Arg Arg Ser Gln Asp Leu His Cys Gly Ala Cys Arg Ala Leu Val Asp
```

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PATENT APPLICATION: US/10/082,502   TIME: 15:16:18

Input Set : A:\97-11C2.txt
Output Set: N:\CRF3\03132002\J082502.raw

```
243                    25                   30                   35
245  gaa cta gaa tgg gaa att gcc cag gtg gac ccc aag aag acc att cag   259
246  Glu Leu Glu Trp Glu Ile Ala Gln Val Asp Pro Lys Lys Thr Ile Gln
247                    40                   45                   50
249  atg gga tct ttc cgg atc aat cca gat ggc agc cag tca gtg gtg gag   307
250  Met Gly Ser Phe Arg Ile Asn Pro Asp Gly Ser Gln Ser Val Val Glu
251             55                   60                   65
253  gtg cct tat gcc cgc tca gag gcc cac ctc aca gag ctg ctg gag gag   355
254  Val Pro Tyr Ala Arg Ser Glu Ala His Leu Thr Glu Leu Leu Glu Glu
255        70                   75                   80
257  ata tgt gac cgg atg aag gag tat ggg gaa cag att gat cct tcc acc   403
260  Ile Cys Asp Arg Met Lys Glu Tyr Gly Glu Gln Ile Asp Pro Ser Thr
261  85                   90                   95                  100
263  cat cgc aag aac tac gta cgt gta gtg ggc cgg aat gga gaa tcc agt   451
264  His Arg Lys Asn Tyr Val Arg Val Val Gly Arg Asn Gly Glu Ser Ser
265                  105                  110                  115
267  gaa ctg gac cta caa ggc atc cga atc gac tca gat att agc ggc acc   499
268  Glu Leu Asp Leu Gln Gly Ile Arg Ile Asp Ser Asp Ile Ser Gly Thr
269             120                  125                  130
271  ctc aag ttt gcg tgt gag agc att gtg gag gaa tac gag gat gaa ctc   547
272  Leu Lys Phe Ala Cys Glu Ser Ile Val Glu Glu Tyr Glu Asp Glu Leu
273             135                  140                  145
275  att gaa ttc ttt tcc cga gag gct gac aat gtt aaa gac aaa ctt tgc   595
276  Ile Glu Phe Phe Ser Arg Glu Ala Asp Asn Val Lys Asp Lys Leu Cys
277        150                  155                  160
279  agt aag cga aca gat ctt tgt gac cat gcc ctg cac ata tcg cat gat   643
280  Ser Lys Arg Thr Asp Leu Cys Asp His Ala Leu His Ile Ser His Asp
281  165                  170                  175                  180
283  gag cta tgaaccactg gagcagccca cactggcttg atggatcacc cccaggaggg   699
284  Glu Leu
286  gaaaatggtg gcaatgcctt ttatatatta tgtttttact gaaattaact gaaaaaatat   759
287  gaaaccaaaa gtaaaaaaaa aaaaaaaaag agagagagag agaacta                806
289  <210> SEQ ID NO: 17
290  <211> LENGTH: 182
291  <212> TYPE: PRT
292  <213> ORGANISM: Homo sapiens
294  <400> SEQUENCE: 17
295  Met Lys Gly Trp Gly Trp Leu Ala Leu Leu Leu Gly Ala Leu Leu Gly
296  1                   5                   10                   15
297  Thr Ala Trp Ala Arg Arg Ser Gln Asp Leu His Cys Gly Ala Cys Arg
298             20                   25                   30
299  Ala Leu Val Asp Glu Leu Glu Trp Glu Ile Ala Gln Val Asp Pro Lys
300             35                   40                   45
303  Lys Thr Ile Gln Met Gly Ser Phe Arg Ile Asn Pro Asp Gly Ser Gln
304        50                   55                   60
305  Ser Val Val Glu Val Pro Tyr Ala Arg Ser Glu Ala His Leu Thr Glu
306  65                   70                   75                   80
307  Leu Leu Glu Glu Ile Cys Asp Arg Met Lys Glu Tyr Gly Glu Gln Ile
308                  85                   90                   95
```

VERIFICATION SUMMARY   DATE: 03/13/2002
PATENT APPLICATION: US/10/082,502   TIME: 15:16:19

Input Set : **A:\97-11C2.txt**
Output Set: **N:\CRF3\03132002\J082502.raw**

L:11 M:270 C: Current Application Number differs, Replaced Current Application No
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date